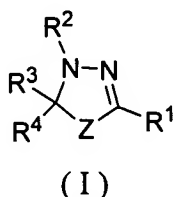


Amendments to the Claims

The following listing of claims replaces all prior versions of listings.

Listing of Claims:

1. (Currently Amended) A method for therapeutic treatment of a colon cancer which comprises administering an effective amount of compound represented by the general formula (I), or a pharmacologically acceptable salt thereof as an active ingredient:



<wherein Z represents a sulfur atom;

R¹ represents a substituted or an unsubstituted phenyl group;

R² represents -C(=W¹)R¹², (wherein W¹ represents an oxygen atom; and R¹² represents a substituted or an unsubstituted lower alkyl group);

R³ represents a substituted or an unsubstituted lower alkyl group; and

R⁴ represents a substituted or an unsubstituted phenyl group>.

2-11. (Canceled)

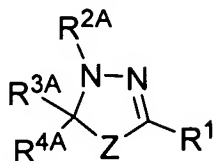
12. (Currently Amended) The method according to claim 1, wherein R¹² is an unsubstituted lower alkyl group.

13-15. (Canceled)

16. (Currently Amended) The method according to claim 1, wherein R³ is a substituted lower alkyl group.

17-23. (Canceled)

24. (Currently Amended) A compound represented by the formula (IA) or a pharmacologically acceptable salt thereof:



(IA)

{wherein Z represents a sulfur atom ~~has the same meaning as that mentioned above;~~

R¹ represents a substituted or an unsubstituted phenyl group ~~has the same meaning as that mentioned above;~~

R^{2A} represents -C(=W¹)R¹² (wherein W¹ represents an oxygen atom, and R¹² represents substituted or unsubstituted lower alkyl ~~W¹ and R¹² have the same meanings as those mentioned above, respectively;~~

R^{3A} represents -(CH₂)_kNHSO₂R^{3B} [wherein k represents an integer of 1 to 6, and R^{3B} represents a substituted or an unsubstituted lower alkyl group, a substituted or an unsubstituted lower alkenyl group, a substituted or an unsubstituted lower alkynyl group, or -NR^{7B}R^{8B} (wherein R^{7B} and R^{8B} are the same or different, and represent a hydrogen atom, a substituted or an unsubstituted lower alkyl group, a substituted or an unsubstituted lower alkenyl group, a substituted or an unsubstituted lower alkynyl group, a substituted or an unsubstituted cycloalkyl group, a substituted or an unsubstituted aryl group, a substituted or an unsubstituted heterocyclic group, -OR⁹ (wherein R⁹ represents a hydrogen atom, a substituted or an unsubstituted lower alkyl group, a substituted or an unsubstituted lower alkenyl group, a substituted or an unsubstituted lower alkynyl group, a substituted or an unsubstituted cycloalkyl group, a substituted or an unsubstituted aryl group, or a substituted or an unsubstituted heterocyclic group), or -NR¹⁰R¹¹ (wherein R¹⁰ and R¹¹ are the same or different, and represent a hydrogen atom, a substituted or an unsubstituted lower alkyl group, a substituted or an unsubstituted lower alkenyl group, a substituted or

a substituted or an unsubstituted aryl group, or a substituted or an unsubstituted heterocyclic group, or R^{10} and R^{11} are combined together with the adjacent nitrogen atom to form a substituted or an unsubstituted heterocyclic group), or R^{7B} and R^{8B} ~~R^7 and R^8~~ are combined together with the adjacent nitrogen atom to form a substituted or an unsubstituted heterocyclic group)], $-(CH_2)_kNR^{7C}R^{8C}$ (wherein k represents an integer of 1 to 6 ~~has the same meaning as that mentioned above~~, and R^{7C} and R^{8C} are the same or different, and represent a hydrogen atom, a substituted or an unsubstituted lower alkyl group, a substituted or an unsubstituted lower alkenyl group, a substituted or an unsubstituted lower alkynyl group, a substituted or an unsubstituted cycloalkyl group, a substituted or an unsubstituted aryl group, a substituted or an unsubstituted heterocyclic group, $-OR^9$, wherein R^9 represents a hydrogen atom, a substituted or an unsubstituted lower alkyl group, a substituted or an unsubstituted lower alkenyl group, a substituted or an unsubstituted lower alkynyl group, a substituted or an unsubstituted cycloalkyl group, a substituted or an unsubstituted aryl group, or a substituted or an unsubstituted heterocyclic group, or $-NR^{10}R^{11}$, wherein R^{10} and R^{11} are the same or different, and represent a hydrogen atom, a substituted or an unsubstituted lower alkyl group, a substituted or an unsubstituted lower alkenyl group, a substituted or an unsubstituted lower alkynyl group, a substituted or an unsubstituted cycloalkyl group, a substituted or an unsubstituted aryl group, or a substituted or an unsubstituted heterocyclic group, or R^{10} and R^{11} are combined together with the adjacent nitrogen atom to form a substituted or an unsubstituted heterocyclic group, or R^{7C} and R^{8C} are combined together with the adjacent nitrogen atom to form a substituted or unsubstituted heterocyclic group) ~~have the same meanings as those of the aforementioned R^{7B} and R^{8B} , respectively~~), or $-(CH_2)_kNHC(=O)R^{7D}$ (wherein k represents an integer of 1 to 6 ~~has the same meaning as that mentioned above~~, and R^{7D} represents a hydrogen atom, substituted or unsubstituted lower alkyl, substituted or unsubstituted lower alkenyl, substituted or unsubstituted lower alkynyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted aryl, a substituted or unsubstituted heterocyclic group, $-OR^9$ (wherein R^9 represents a hydrogen atom, substituted or unsubstituted lower alkyl, substituted or unsubstituted lower alkenyl, substituted or unsubstituted lower alkynyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted aryl, or a substituted or unsubstituted heterocyclic group), or

-NR¹⁰R¹¹ (wherein R¹⁰ and R¹¹ are the same or different, and represent a hydrogen atom, substituted or unsubstituted lower alkyl, substituted or unsubstituted lower alkenyl, substituted or unsubstituted lower alkynyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted aryl, or a substituted or unsubstituted heterocyclic group, or R¹⁰ and R¹¹ are combined together with the adjacent nitrogen atom to form a substituted or unsubstituted heterocyclic group) has the same meaning as that of the aforementioned R^{7B}); and

R^{4A} represents a substituted or an unsubstituted phenyl group has the same meaning as that of the aforementioned R⁴ }.

25-34. (Canceled)

35. (Currently Amended) The compound or a pharmacologically acceptable salt thereof according to claim 24, wherein R¹² is an unsubstituted lower alkyl group.

36, 37. (Canceled)

38. The compound or a pharmacologically acceptable salt thereof according to claim 24, wherein R^{3A} is -(CH₂)_kNHSO₂R^{3B} (wherein k and R^{3B} have the same meanings as those mentioned above, respectively).

39-41. (Canceled)

42 (Currently Amended). The compound or a pharmacologically acceptable salt thereof according to claim 24, wherein R^{4A} is an unsubstituted phenyl group.

43. (Previously Presented) A medicament comprising the compound or a pharmacologically acceptable salt thereof according to claim 24 as an active ingredient.

44-47. (Canceled)

48. (Previously Presented) A method for inhibiting a mitotic kinesin Eg5 which comprises administering an effective amount of the compound or a pharmacologically acceptable salt thereof according to claim 1.

49, 50. (Canceled)

51. (Previously Presented) A method for inhibiting a mitotic kinesin Eg5 which comprises administering an effective amount of the compound or a pharmacologically acceptable salt thereof according to claim 24.

52. (Canceled)

53. A method for therapeutic treatment of a colon cancer which comprises administering an effective amount of the compound or a pharmacologically acceptable salt thereof according to claim 24.

54-56. (Canceled)